

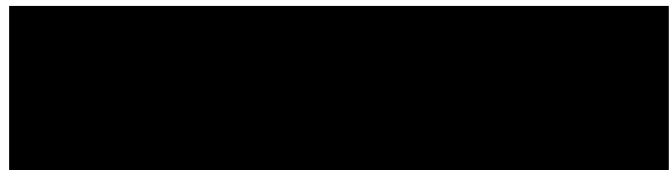
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16 August 1955

MEMORANDUM FOR: Chief, Economic Defense Division, ORR

SUBJECT : Sino-Soviet Bloc Exports of Machinery
and Transport Equipment to the Free
World, 1952 - 54

In response to a request by Mr. Spencer Beresford, there are attached hereto 2 copies of a report prepared by the Economic Research Area on this subject. While the latest available information on reported trade statistics has been compiled for 1954, the commodity data included in Table 3 is subject to adjustment as additional nations report their latest trade information. Substantial coverage has been obtained but additional reports from several nations will increase the aggregates on 1954 Bloc exports of machinery and transport equipment to the Free World.



Attachments

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Sino-Soviet Bloc Exports of Machinery and Transport Equipment to the Free World
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I. Exports of Machinery and Transport Equipment from the USSR and the European Satellite Nations, 1952-1953.

In general, the bulk of Free World imports of machinery and transport equipment from the Bloc during 1952 and 1953 has come from three Satellites - Czechoslovakia, East Germany, and Hungary. The Soviet Union ranked fourth in Bloc exports of machinery and transport equipment to nations of the Free World. Other European Satellites exported negligible amounts of this general category to non-Bloc countries. (For a comprehensive account of Bloc exports of machinery and transport equipment see Tables 1 and 2.)

The largest Bloc exporter of both machinery and transport equipment, to the Free World during the years under consideration, was Czechoslovakia. Czech machinery and transport exports to the West aggregated \$25,956,000 in 1952 and \$29,287,000 in 1953. East German export aggregates for the same types of commodities totaled \$16,235,000 in 1952. In 1953, East German exports of machinery and transport equipment to the Free World increased substantially and totaled \$24,326,000. Hungary stood third in the exports of this type of equipment, exporting \$3,575,000 to non-Bloc countries in 1952 and \$8,217,000 in 1953. The 1953 Hungarian export figure was largely due to an increase in the export of transport equipment. Whereas the value of Hungarian exports of transport items totaled \$691,000 in 1952, substantial shipments of railway vehicles and motor vehicles, which reached an aggregate value of \$3,⁴¹⁸339,000, largely accounted for the 1953 increase in the value of Hungarian machinery and transport exports to the Free World.

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The Soviet Union ranked fourth among the Bloc nations in the export of machinery and transport equipment to non-Bloc countries. USSR exports to the West under this general category totaled \$1,681,000 in 1952 and \$3,564,000 in 1953. The bulk of these exports was accounted for by shipments of motor vehicles. Exports of road motor vehicles were valued at \$1,180,000 in 1952, and \$3,082,000 in 1953.

The other European Satellites exported minor amounts of machinery and transport equipment to the Free World during the years under consideration. Machinery and transport equipment exports from Poland, Bulgaria and Rumania reached an aggregate of \$417,000 in 1952 and \$713,000 in 1953. Albania did not export any equipment of this type to the Free World.

Exports of machinery and transport equipment from China to the Free World have not been included in these compilations for 1952 and 1953 since they were negligible.

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II. Exports of Machinery and Transport Equipment from the Sino-Soviet Bloc, 1954.

An analysis of available trade data shows that Bloc machinery and transport shipments to various non-Bloc areas have continued to increase during 1954. As was the case in the two previous years, the bulk of these exports have come from East Germany, Czechoslovakia, Hungary and the USSR.

During 1954, East Germany replaced Czechoslovakia as the leading exporter of both machinery and transport equipment to non-Bloc areas. East German exports of goods in these categories totaled \$34,484,000. Czechoslovakian shipments of machinery and transport equipment to non-Bloc nations aggregated \$29,652,000 which was substantially the same as the value exported in the previous year. Hungarian shipments of machinery to the Free World showed a moderate increase over 1953, while exports of transport equipment remained at approximately the same level. Hungarian exports for 1954 totaled \$11,012,000. The Soviet Union in 1954 substantially improved its position as a Bloc exporter of machinery and transport equipment, and total exports of goods in this category totaled \$11,092,000, which was an increase of \$7,528,000 over the relatively small 1953 value of similar exports. Again, as in 1953, the bulk of USSR exports of machinery and transport equipment to the Free World was accounted for by shipments of motor vehicles. Trade data for 1954 shows that Soviet exports of "road motor vehicles" totaled \$6,512,000, whereas similar exports to the Free World in 1953 aggregated only \$3,082,000. Another factor which was responsible for the 1954 increase

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was the shipment of railway vehicles to Argentina which were valued at \$3,705,000.

No exports of railway vehicles from the Soviet Union to non-Bloc areas were reported in either 1952 or 1953. On the basis of the incomplete trade data now available for 1954, it appears that the Soviet Union may have replaced Hungary as the third ranking Bloc exporter of machinery and transport equipment to Free World areas.

The other European Satellites exported limited amounts of machinery and transport equipment to non-Bloc nations during 1954. Shipments from Poland, Bulgaria and Rumania aggregated \$827,000 for the year. In Table 3, a column entitled "Unspecified European Satellites" shows that an additional amount of Bloc exports in the categories under consideration totaled approximately \$2,000,000. These shipments were reported by Free World countries but the Satellite exporter was not specifically identified.

Communist China exported a negligible amount of machinery to the Free World during 1954. Total exports from Communist China were valued at only \$108,000.

Table 2

Exports from the Soviet Bloc in Europe of Machinery and Transport Equipment
January - December 1953

(Value in thousands of current U.S. dollars)

	Total from Soviet Bloc in Europe	Albania	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Rumania	USSR
<u>Machinery and Transport Equipment</u>	<u>66,211</u>	--	198	29,287	24,326	8,217	514	1	3,564
<u>Machinery other than electric</u>	<u>34,939</u>	--	163	16,514	16,323	1,336	128	--	432
Power generating machinery	1,594	--	--	1,490	20	58	14	--	--
Agricultural machinery and implements	1,221	--	--	925	184	110	--	--	2
Tractors other than steam	7,843	--	--	7,719	--	86	--	--	34
Office machinery	4,441	--	--	148	4,269	5	1	--	1
Metal working machinery	3,180	--	12	1,965	377	803	--	--	24
Mining, construction, industrial machinery	9,338	--	143	3,204	5,348	212	90	--	330
Ball, needle and roller bearings	20	--	--	16	--	--	--	--	4
Unspecified non-electric machinery	7,302	--	8	1,047	6,125	62	23	--	37
<u>Electric machinery, apparatus and appliances</u>	<u>6,498</u>	--	35	2,094	1,059	3,050	185	1	40
<u>Transport equipment</u>	<u>24,666</u>	--	--	10,588	6,933	3,830	200	--	3,088
Railway vehicles	2,708	--	--	49	--	2,659	--	--	--
Road motor vehicles	20,347	--	--	9,880	6,597	759	4	--	3,082
Road vehicles other than motor vehicles	1,498	--	--	594	304	402	196	--	--
Aircraft	12	--	--	12	--	--	--	--	--
Ships and boats	10	--	--	1	9	--	--	--	6
Unspecified transport equipment	91	--	--	52	23	10	--	--	--
Unspecified machinery and transport equipment	108	--	--	91	11	1	1	--	4

Commerce figures unadjusted.

Table 1

Exports From the Soviet Bloc in Europe of Machinery and Transport Equipment
January - December 1952

(Value in thousands of current U.S. dollars)

	Total from Soviet Bloc in Europe	Albania	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Rumania	USSR
<u>Machinery and Transport Equipment</u>	<u>47,911</u>	--	<u>12</u>	<u>25,956</u>	<u>16,235</u>	<u>3,575</u>	<u>379</u>	<u>12</u>	<u>1,681</u>
Machinery other than electric	24,491	--	<u>12</u>	<u>11,426</u>	<u>11,201</u>	<u>1,343</u>	<u>157</u>	<u>18</u>	<u>295</u>
Agricultural machinery and implements	1,193	--	--	832	215	121	25	--	--
Tractors other than steam	2,213	--	--	1,721	--	489	--	--	3
Office machinery	3,873	--	--	270	--	--	--	--	50
Metal working machinery	2,861	--	19	1,803	466	566	--	--	26
Mining, construction, industrial machinery	9,446	--	--	4,388	4,667	114	99	18	149
Ball, needle and roller bearings	24	--	--	4	5	--	--	--	15
Unspecified non-electric machinery	3,609	--	--	1,198	2,281	35	33	--	51
Power generating machinery	1,272	--	--	1,210	34	18	--	--	1
Electric machinery, apparatus and appliances	<u>5,084</u>	--	--	<u>2,223</u>	<u>1,158</u>	<u>1,537</u>	<u>123</u>	<u>1</u>	<u>39</u>
<u>Transport equipment</u>	<u>16,557</u>	--	--	<u>10,574</u>	<u>3,839</u>	<u>691</u>	<u>94</u>	--	<u>1,347</u>
Railway vehicles	459	--	--	176	--	283	--	--	--
Road motor vehicles	14,616	--	--	9,764	3,524	141	4	--	1,180
Road vehicles other than motor vehicles	1,018	--	--	314	236	231	70	--	167
Aircraft	28	--	--	28	--	--	--	--	--
Ships and boats	14	--	--	--	1	--	13	--	--
Unspecified transport equipment	422	--	--	292	78	36	7	--	--
Unspecified machinery and transport equipment	1,779	--	--	1,733	37	4	5	--	--

Commerce figures unadjusted.

Table 3

Exports from the Sino-Soviet Bloc of Machinery and Transport Equipment, 1954 ^{a/}

(Value in thousands of current U.S. dollars)

	Total Bloc	Bulgaria	Czecho- slovakia	East Germany	Hungary	Poland	Rumania	USSR	China	European Satellites ^{b/}	Unspecified
<u>Total Machinery and transport equipment</u>	<u>89,095</u>	<u>37</u>	<u>29,652</u>	<u>34,484</u>	<u>11,012</u>	<u>787</u>	<u>3</u>	<u>11,092</u>	<u>108</u>	<u>1,920</u>	
Machinery other than electric	45,214	37	18,189	20,814	3,403	403	-	647	87	1,634	
Power generating machinery	2,993		964	352	1,478			88		111	
Agricultural machinery	1,542	1	1,307	139	15					80	
Tractors	9,563		9,143	1	68			250		101	
Office Machinery	9,283	36	385	8,271	567			9	10	5	
Metalworking machinery	6,714		2,903	2,338	841	339		14		279	
Mining, construction and industrial machinery	12,770		3,049	8,916	355	33		146	53	218	
Ball, needle and roller bearings	23		10	2				11			
Unspecified non-electric machinery	2,326		428	795	79	31		129	24	840	
Electric machinery, apparatus and appliances	8,634		2,356	1,919	3,703	337		221	20	78	
<u>Transport equipment</u>	<u>34,791</u>		<u>8,887</u>	<u>11,538</u>	<u>3,885</u>	<u>47</u>	<u>3</u>	<u>10,223</u>		<u>208</u>	
Railway vehicles	6,358				2,649					4	
Road motor vehicles	26,683		8,038	10,995	1,070	9	3	3,705		56	
Road vehicles other than motor vehicles	1,730		830	542	166	38		6,512		148	
Aircraft	19		19					6			
Ships and boats	1			1							
Unspecified machinery and transport equipment	456		220	213	211			1	1		

a. Data are the latest available information compiled from Commerce figures for the year 1954. Coverage from reported trade statistics is still incomplete. West Germany (except for Jan-Dec. imports from the SovZone of Germany) has reported for January-September. Brazil, Greece and Iceland have also reported only for January-September. Indonesia, Iran, and Yugoslavia trade data is for January-June. All other reporting countries are for January-December.

b. Commodity detail in this column represents imports to the Free World from the European Satellites. The country exporting the commodity has not been specifically identified.

Commerce figures unadjusted.

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